

07-22-04

B  
glw

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/863,013	
	Filing Date	May 22, 2001	
	First Named Inventor	Milan R. Kokta, et al.	
	Art Unit	2828	
	Examiner Name	Hung T. Vy	
Total Number of Pages in This Submission	4	Attorney Docket Number	1035-BI3918-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Second Rule 312 Communication w/Attachments
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Customer No.: 34456	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jeffrey S. Abel, Registration No.: 36,979
Signature	
Date	7/21/04

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Elise K. Dougherty	
Signature		Date 7-21-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milan R. Kokta, et al.  
Title: COBALT-DOPED SATURABLE ABSORBER Q-SWITCHES AND LASER SYSTEMS  
App. No.: 09/863,013 Filed: May 22, 2001  
Examiner: Hung T. Vy Group Art Unit: 2828  
Customer No.: 34456 Confirmation No.: 7269  
Atty. Dkt. No.: 1035-BI3918-US Allowed: March 17, 2004

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

SECOND RULE 312 COMMUNICATION

Dear Sir:

One May 12, 2004, Applicants filed a Rule 312 Communication requesting acknowledgement of several Information Disclosure Statements during the prosecution of the above-identified application. In response, the PTO forwarded initialed form PTO-1449's in response thereto. The Examiner is thanked for consideration of the references cited therein. However, two of the references cited on the form PTO-1449 filed November 13, 2001 have not been initialed by the Examiner. Enclosed is a copy of that partially initialed form PTO-1449. Also enclosed are courtesy copies of those references. The Examiner is requested to consider the cited references and return a copy of the fully initialed form PTO-1449.

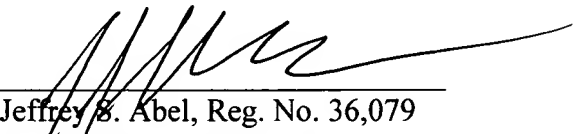
Should the Examiner have any questions or comments regarding this or any other communication, the Examiner is invited to telephone Applicants' undersigned representative at the number listed below.

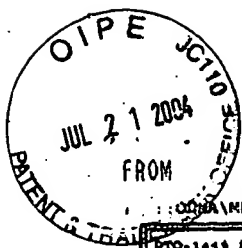
CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents on <u>7-21-04</u> .	
<u>Elise K. Dougherty</u> Typed or Printed Name	<u>E.K. Dougherty</u> Signature

Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account Number 50-2469.

Respectfully submitted,

7/21/04  
Date

  
Jeffrey S. Abel, Reg. No. 36,079  
Attorney for Applicant(s)  
TOLER, LARSON & ABEL, L.L.P.  
5000 Plaza On The Lake, Suite 265  
Austin, TX 78746  
(512) 327-5515 (phone)  
(512) 327-5452 (fax)



(WED)MAY 12 2004 16:05/ST.16:04/No. 8800090285 P 5

Sheet 1 of 1

PTO-1415 AIRPRODUCED		ATTORNEY DOCKET NO. 3177.1000-000		APPLICATION NO. 09/863,013			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION FOR PATENT & TRADEMARK				APPLICANT Milan R. Kokta, et al.			
November 1, 2001 (Use several sheets if necessary)				FILING DATE May 22, 2001			
GROUP 2881							
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
HV	AA	5,654,973	AUG. 5, 1997	Stultz, et al.	372	10	
HV	AB	5,982,796	Nov. 9, 1999	Kokta, et al.	372	41	
	AC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Camargo, M.B., et al., "Co <sup>2+</sup> :Y <sub>2</sub> SiO <sub>5</sub> Ga <sub>2</sub> O <sub>7</sub> (YSOG) Passive Q-switch for Infrared Erbium Lasers," submitted to LEOS in 1994.					
	AS	Mikhailov, V.P., et al., "Passive Q-switch performance at 1.3μ (1.5μ) and nonlinear spectroscopy of Co <sup>2+</sup> :MgAl <sub>2</sub> O <sub>4</sub> and Co <sup>2+</sup> :LaMgAl <sub>11</sub> O <sub>19</sub> crystals," <i>OSA TOPS Vol. 26 Advanced Solid-State Lasers</i> , pp 317-324 (1999). <i>no mention</i>					
HV	AT	Yumashev, K.V., "Saturable absorber Co <sup>2+</sup> :MgAl <sub>2</sub> O <sub>4</sub> crystal for Q switching of 1.34-μm Nd <sup>3+</sup> :YAlO <sub>3</sub> and 1.54-μm Er <sup>3+</sup> :glass lasers," <i>Applied Optics</i> , 38(30):6343-6346 (20 Oct 1999).					
HV	AU	Stulz, R.D., et al., "Divalent Uranium and Cobalt Saturable Absorber Q-Switches at 1.5 μm," <i>OSA Proceedings on Advanced Solid-State Lasers</i> , 24:460-464 (1995). <i>no mention</i>					
HV	AV	Birnbaum, M., et al., "Co <sup>2+</sup> :ZnSe Saturable Absorber Q-switch for the 1.54 μm Er <sup>3+</sup> :Yb <sup>3+</sup> :Glass Laser," <i>OSA TOPS Vol. 10 Advanced Solid State Lasers</i> , pp 148-151 (1997).					
HV	AW	Machida, H. and Fukuda, T., "Difficulties encountered during the Czochralski growth of TiO <sub>2</sub> single crystals," <i>Journal of Crystal Growth</i> , 112:835-837 (1991). <i>no mention</i>					
HV	AX	Camargo, M.B., et al., "Broad-band 1.54 μm Saturable Absorber Q-switch with Co <sup>2+</sup> ," submitted to ASSL in 1995. <i>no mention</i>					
HV	AY	Yumashev, K.V., et al., "Nonlinear spectroscopy and passive Q-switching operation of a Co <sup>2+</sup> :LaMgAl <sub>11</sub> O <sub>19</sub> crystal," <i>J. Opt. Soc. Am. B</i> , 16(12):2189-2194 (1999).					
EXAMINER		DATE CONSIDERED					